App. F. IX-4

Previous References

1926.7.

(Geol Preserves)

File No. 86-26

Serial Nos. 1-14

Later References

37

General and Revenue Secretariat.

Serial Nos. 1 to 7

Part B for March 24

SUBJECT

Notes of discussions with Mr. E. E. Dent re: market conditions of certain metals

---

D. 4030

Genl. 86-26

NOTES OF DISCUSSIONS WITH MR. E.E. DUTT. (6.12.26)

Present.

The Second Member of Council,

Mr. E.E. Dutt,

Mr. B. Jayaram, Director of Geology,

Mr. P. Sampath Iyengar, Professor of Geology.

Mr. A.M. Sen,

Mr. C. Ranganatha Rao Saheb, Secretary to Govt., Development Departments.

1) The Second Member of Council stated that he was pleased to introduce Mr. E.E. Dutt, an industrial - metallurgist of Europe, to the officers of the Geological Department. Mr. Dutt was in touch with the up-to-date industrialists of Europe and America and would be able to give the Department information on the market and the industrial possibilities of ores & other mineral hitherto considered as not very remunerative, and perhaps also would be able to answer questions by the departmental officers in regard to markets for the products available in the State.

(1) Quartz crystals. Mr. Dutt stated that there was a very good market for quartz crystals. They were wanted for purposes of electrical work by the General Electrical Company. They should be absolutely pure and transparent like glass. If such crystals of a fairly large size could be found, they might be sent on to Dr. Frank Hess, Department of Mines, Washington. The crystals were required by the General Electrical Company who were prepared to buy fairly large - quantities

Genl. 86-26

Mr. P. Sampath Iyengar stated that quartz

crystals were available near Harnahalli, 4 miles south of Arsikere and also near Bhaktarhalli chrome mine It was decided that further prospecting work may be done by the officers of the Geological Department in this matter

(2) Crystalline Calcite or Iceland spar. Mr. Dutt stated that, if good Iceland spar was available, there was a very large market for it in Germany, chiefly in connection with optical work. Messrs. Sampath Iyengar and Sen both stated that samples of such calcite could be found in the Kolar Gold Mines. It was decided that Mr. Bocquet may be requested to investigate this matter and send samples of the Iceland spar.

Geol. 87-26

(3) Monozite. Mr. Dutt stated that there was a good market for monozite, provided it was supplied in large quantities. It was understood that Mr. Sambasiva Iyer had made certain investigations relating to - monozite and that he may be addressed further in the matter.

Geol. 88-26

(4) Beryl. There was a good market also for beryl provided it was pure. The officers of the Geological Department were of opinion that samples of beryl were available at Melkote. It was decided that further investigation should be made.

Geol. 89-26

(5) Ruby Corundum. Mr. Dutt stated that there was a very good market for this sort of pink corundum which could be used for the manufacture of re-constructed rubies. Mr. Andre Helbronner of Paris would be able to buy all the good ruby corundum that could be sent to him. They were sold at the rate of about 5 francs a carat. The officers of the Geological Department stated that ruby corundum was available

Geol. 90-26

in the State at Maddur, Sringeri and Kamasamudram. It was decided that the Department should investigate this subject further.

Geol. 91-26

(6) Copper. Mr. Dutt was informed that copper had been located in the State and that samples of the ore on the surface showed a very high grade of copper. He was of opinion that further prospecting work should be done on the mine. He stated that the ore should be examined to find out if it was radio-active. If it was radio-active, it was certain that either Uranium or platinum metal would be found along with copper. He said that this might be ascertained by sending sample of the ore to the Indian Institute of Science. It was decided that the Director of Geology may be requested to take further action in the matter.

Geol. 93-26.

(7) Felt spar. Mr. Dutt stated that pure felt-spar would be very useful for pottery work and that also potash could be manufactured from felt-spar, by boiling it with quick-lime under pressure. He said that the Indian Institute of Science might perhaps be willing to carry on the experiment for the State.

Geol-92-26.

(8) Manufacture of cyanide chromates. Mr. Dutt explained that he had obtained a patent from a French firm for the manufacture of chromates and cyanide by means of a process similar to the Thermit process in which all the heat required was evolved in the course of the chemical re-action.* He had submitted a proposition to the Mysore Government and stated that, if it was approved, he was in hopes of being able to manufacture cyanide in the State in quantities sufficient to supply to the Kolar Gold Fields.

2) The Member of Council thanked Mr. Dutt for his information and the meeting dispersed.

GRT 23-12-26.

23.12.26

G.R.S. III—3]

Ecl-X86-26

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

SECRETARY OF STATE FOR INDIA IN COUNCIL
23 DEC. 1926
No. 4347

3) I regret submit for approval Copies of the Proceedings of the meeting on the 9th in the Dewan's Chambers with the D^r of Industries (2) Notes of discussions with Mr E.E. Dutt.

4) I much regret the delay in submitting the Proceedings.

Ecl
22.12.26

(2nd member)

23/12

23/12/26

5) Are we now to take action on information rec^d from Dutt, given us. A note on each subject may be drawn

23/12/26

6) Please take action on the proceedings and on the notes of discussion as directed by member above

Ecl
22.12.26. 23/12.26

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

4030

WD 01229—GPB—37,500—1-9-26
App. F. III—2]

General and Revenue Secretariat

Ecl File No 86 of 1926.

Serial No.

Extract from the Member's minute

7) We may now take action on information which has been given us. (sd) Dr. R.K. 23.12.26

Secy's note.

8) please take action on Secys. and on the lines of discussion as directed by the Member. (sd) C.R.S 23.12.26

9) Draft ltr 30/ 8/1/27. (sd) 10) Please bring up new. WP 8/1

10) Note: Secys note on the draft. Approved. Issue (sd) V.V. 10/1/27

11) To, Dir. of Geology No. 5426 D. 13/1/27 Sd. extract from the Discussion & Calls & proposals re further prospecting of the mineral.

12) Draft D.O. Ltr. as instructed by the Secy. in person 30/ 17.1.27.

13) a/w. Issue CRM 17.1.27 WP 17/1

NOTE—Contn.Sheet

WD 01229—GPB—37,500—1-9-26
App. F. III—2]

General and Revenue Secretariat

Gen. - File No. 86 of 192 6

Serial No.	
2.	To, Secy. to the P.W. Brd. No. 5537 dt. 18/1/27 Requests that the Quartz Sample may be shown to Mr. Dutt for examination if he to see if it would suit the Gen. El. Company
3	From the Dir of Geol No. 1352-1 dt 19-1-27 states that, if Mr. Dutt approves of the samples of pure White Quartz recently sent in, it will be possible to find such mineral in large quantities, but if pure transparent crystals of Quartz of the same in large pieces are wanted it is doubtful if large deposits of such mineral exist in the State & that one or two localities where Quartz Crystals have been noticed can be examined & prospected if necessary 14) the sample Quartz has also been sent to the Asst. Boundary Management, Mysore down Works, to be shown to Mr. Dutt & obtain his views in the matter of its utility &c 15) Whether the Dir. should continue further prospecting as instructed already, or to wait for Dutt's opinion is a point on which

NOTE—Contn. Sheet

~~4257~~ 4454 7

WD 01229—GPB—37,500—1-9-26

General and Revenue Secretariat | Geol File No. 86 of 1926.

Serial No.

orders. seem necessary.

21/1/27 (16) Mr E.E. Dutt's opinion on the sample sent, may be awaited.

Secy D) WP 21/1

21/1

CPr 23/1/27

WP 24/1

4 From Asst. Engr. A. Range dear, Dean Works.

D.O. B. 259/27 of 20.1.27

states that the sample of the ~~ground~~ stone sent has been forwarded to Asst. Dutto + that he will ~~inform~~ write again inform ~~supply~~ on receipt of a supply from that Gentleman.

(7) For perusal

26/1/27 (8) Subd for perusal.

Second M.) WP 31/1

2/2/27

WP

2227

WP 2/2

5 From the Dir. of Geol.

D.O. 1352-2 of 15-2-27

forwards a bagful of ground stone obtained near Kulkolé & states that a further report will be subd. in case the sample is asked. by Asst. Dutto.

(9) No opinion on the sample already sent has yet been received. from Asst. Dutto

(10) may this sample also be sent

GEN. & REV. SECRETARIAT, 24 JAN. 1927 DEVELOPMENT BRANCH.

OFFICE OF THE SECRETARY TO GOVERNMENT MEMBER OF COUNCIL 1 FEB. 1927 No. 5238

GEN. & REV. SECRETARIAT, 3 - FEB. 1927 DEVELOPMENT BRANCH

NOTE – Contn. Sheet

WD 01229—GPB—37,500—1-9-26
App. F. III—2]

General and Revenue Secretariat | G. S. File No. 26 of 192 6

Serial No.

in continuation

21) For orders.

22) 17/2/27 This sample may also be sent to the I. Works Board, for obtaining the opinion of Mr Dutt. Second Mr) WD 17/2

23) X Ryder a Supplier (Please Shown me the slip) mes WD (18/2/27) 18/2/27 WD 18/2

OFFICE OF THE SECOND EXECUTIVE COUNCIL, 17 FEB. 1927 No. 5619

Shown GS.

24) Draft sd.

25) 18/2/27. Issue WD 18/2

6. To, Secy. I.W. Bord.
No. 7004 dy. 21/2/27 from the Dir. of Geol.
Rd. the Sample received & requesting him to show it to Mr. Dutt & obtain his opinion as to its suitability for the purpose of El: work by the Sent. Electric Co.

GOVT. REV. SECRETARIAT. 2 FEB. 1927 DEVELOPMENT BRANCH.

7 From the Secy. Bd. of Management, I.W. No. B. 307/27 dt 1.3.27
States that the parcel refd. to in Sl. 6 has been forwarded to Mr. Dutto with the result of the analysis made in the Iron Works, Laboratory & that a further report will be made on hearing from Mr. Dutto.

NOTE—Contn. Sheet

Serial No.

20/ For perusal & orders.

22 / 3 · 27. VB 21) Further report may be awaited.

3rd M.

11/3

28) Yes

CSK 14/3

15 3 27

16/3

OFFICE OF THE SECOND MEMBER OF COUNCIL
14 MAR. 1927
No. 6047.

GEN. & REV. SECRETARIAT
18 MAR 1927
DEVELOPMENT BRANCH.

from the Secy. Bd. of Management Iron Works.

No. B. 364/27 & 9·4·27

states that the parcel of guncotton sent under E. E. Note has been returned back from the D.L.O. Madras, as the addressee was not found in Nagpur & requests further instructions as regards the disposal of the parcel in question.

29/ For orders.

30) Under the circumstances stated by the Secy. Bd. of Management, Iron Works, no further report, as promised in his letter dt 1·3·27, can be expected.

22 / 12/4/27 VB 31) Submit for perusal.

Sec'l D)

13/4

14 4 27

8.7.

12/6

NOTE—Contn. Sheet

6634

WD 01226—GPB—37,500—1-9-26
App. F. III—2]

General and Revenue Secretariat | Ecl File No 86 of 1926

Serial No.

P.W.D

32) Resolved. for orders with reference to the point raised by the Secy. Bd. of Management in para 2 of this letter, viz. the disposal of the parcel returned from the D.L.O. Madras.

20 14/4/27 VS 33) The parcel may be kept with him (the Secy I Walls) until further orders, till he hear from E.E. Dvn.

Secy D)

WP 18/4

20 4 27

WP 20/4

10/4

34) Draft subd.

20 21/4/27 VS 35) Issue

WP 29/4

9 To the Secy. Bd of Wks Dy No D 964 53 dy 30/4/27. Requesting him to keep the Parcel till he hears further in the matter from the Dvn.

36) A draft enquiring if the Dvn Offrs have heard further from Mr. B. B. Desai is subd for approval

1/5 22/8 VS

37) Issue Dft

27 8 27

GEN. & REVI SECTT.
3 MAY 1927
DEVELOPMENT BRANCH

NOTE— Contn. Sheet

(1972)

(11)

App. F. III—2]

General and Revenue Secretariat. | Ecl File No. 86 of 1926

Serial No.	
10	Reminder issued. No. D. 2296 dt 3-9-27 from the Secy. Board of Management No. B. 524/27 dt 5-9-27 states that nothing has been heard from Mr. E. E. Dutt Ecl. 38) Sub-d. with prefce. to para 33 of rules. 7/9/27
	39) This file relates to the available in the state of pure quartz crystals useful in Electric work. Mr E E Dutt suggested making in demand by the Gen Electric Co Bagpur was called from Officer on tour to Mr Dutt to his Nagpur address. But was returned by the Dead letter Office with remarks "not known". The next process is whether we should be pursued further by sending the sample to the E E to ascertain the charges &c. Dr 4/9/27
12/9	40) Consult the Chief El. Supt Dr Secy 20/9/27
	41) Put up Dr 20/9
	42) Draft submd. 21/9/27. 43) Ptd for approval Dr 22-9-27
23/9	44) Issued Dr 23/9 Secy) Submitted Member 28/9

NOTE—Contn. sheet

GPB—5,000—30-3-27

1972 — 12

App. F. III—2]

General and Revenue Secretariat. Genl 2 File No. 86 of 1926.

Serial No.	
11	To the Chf: Electrical Engineer No. 3302 dt 27.9.27 states that the Secy. Bd. of management has been requested to forward the samples of Quartz Crystals & requests that the same may be sent to the Genl: Elec Co. & obtain their views as regards the market, price, &c
12	To the Secy. Bd. of management No. D. 3303 dt 27.9.27 Requests him to forward the samples of Quartz Crystals to the Chf: Elec. Engineer in Mysore.

45) Refer:- Para 64 of rules. (Page 11)
Remd.
27.9.27

46) Submitted for perusal of 2nd member.

28/9

Dy Secy)
2d Member)

28.9.27
29.9.27
29.9

47) Noted 30.9.27

1.10.27
1.10.27

OFFICE OF THE SECOND MEMBER OF COUNCIL
SEP. 1927
No. 1744

NOTE—Contn. sheet.

WD 0324 -GPB-60,000-24-5-27

App. F. III—2]

General and Revenue Secretariat. Genl File No. 88 of 1926.

Serial No.	
13	From the Manager Eng. Bd. of Management, Mysore dem 2 Nos. no. 583/27 dy 24-9-27. states that the parcel of Emerald Crystals has been sent to the Chief Electrical Engineer. 48/ for perusal. 29/9/27 VS 49/ may be kept in the note 57/10/27 VS 49/ may be kept in the note Enquiry from the CE regarding Mr CEE

GEN. & REV. SECRETARIAT
5 OCT. 1927
DEVELOPMENT BRANCH.

13. From the Chief Elec. Engr. no. 29264 dy 17. 2. 28. States that he has written to Mr Stewart, Manager Messrs I.G.E. Co, at Calcutta, as he need no reply from International General Electric Coy, to sent a small parcel of the crystals, & that he will communicate as soon as a reply is need from Mr Stewart, who has also written to the Head Office at Schenectady.

57/ Submitted for perusal. The re Communication from the C.E.E. will be awaited.

Submitted for orders.

57/ Further Comm[n] from the C.E.E may be awaited.

NOTE—Contn. sheet.

GEN. & REV. SECRETARIAT
23 FEB 1928
DEVELOPMENT BRANCH.

D 0324—GPB—60,000—24-5-27

Sec'y D)

till a communication from C.E.E is received

20/2

1/W 22/2 2222

7625-27
6810-28

(14

App. F. III—2]

General and Revenue Secretariat. Genl File No. 26 of 1926

Serial No.

52/ Ruled. cutto a dft. reminder
dg 31.12.28 / 6532/Issue
31.12.28

Reminder issued. No. D.6775 dt 31/12/28

14 from the Chf: Elec. Engr
no. 39402 dt 13.2.29
forwards for information a
copy of letter from messrs. the In-
ternational General Electric
Co. of New York in the matter
of purchase of Quartz & Crystals
& charcoal pig-tail.

54/ The opinion of the Genl: Elec.
Company was invited, as suggested
by Mr. E. E. Dutt in the Course
of the discussion held on 6.12.26
(Vide page 1 - Para 1 (i) of Notes) &
in the light of the observations
of the Company no further action
seems necessary. ~~& the papers~~
~~may therefore be recorded.~~

~~50/ Recorded.~~

~~dg 14.2.29~~ 55/ If approved a copy
~~extracted~~
of letter ~~(Recorded)~~ from messrs:
The International G. E. Co. to the
Chf: Elec. Engineer (Encl. to p.n.d)

NOTE—Contn. sheet

6810-28

15

App F. III—2]

General and Revenue Secretariat

Head File No. 86 of 192 6

Serial No.

will be sent to the Secy. Bd. of management, re. I.W. and the papers recorded

SO/ for orders

No 19-2-29 S.O. SO/ Not necessary, as a copy has already been sent to him by the Ch. El. Engr. Papers may be recorded.

Secy 27 CEE 28/2/29

13

SO/ Yes

4 3 29

5/3

5 MAR 1929

NOTE—Contn. sheet

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Diary No. of letter replied to..... 4030

Section Geol

File No. 86 - 26

Serial No. 41

No. D Sec 26 of 13/1/27

To the Dir. of Geol

General and Revenue Secretariat

( )

the 192

Sir

Date of issue 13.1.27

Signed by.....

I am forwarding herewith an extract of notes of discussion held at H. E. Pate on 6.12.26 in the matter of "Quartz Crystals" I am directed to request Govt to submit proposals in the matter of the continuance of further prospecting work for mineral in question by the officers of the Geol. Deptt.

CMG Issue 10/1/27

List of enclosures.....

~~Hess Deptt. proceedings. Wadia's letter of ... describing the Mut. Deptt. of Crystals ... & ... of them are available ... the Govt. referred to by Govt.~~

Copied by.....

Examined by.....

over

~~available in the locality~~
in the locality ~~reported to practising~~
by Md. P. Committee

The favour of an early
report in the matter is requested

I have etc

WP
10/1

Asst. Secy

20

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Section Revl

File No. 86-26

Serial No. 2

No. D.5537 & 18/1/27

Enclosure

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

the *192*

Date of issue 18-1-27

Signed by Mr C R Pavitt

To

.....

Dear Sir,

Mr. E. E. Dutto, Industrial Metallurgist of Europe seen in the Course of conversation with the Secretary Member of Council on 6-12-26 that there was a very good market for "Smoky Crystals, that they were wanted by the Govt. Electrical Company, for purposes of electrical work in Case they are pure & transparent like glass & that if Crystals of a fairly

over

List of enclosures.....

Copied by.....

Examined by.....

WD 01265—GPB—31,000—24-12-25

large size could be formed
they might be sent on to Dr
Frank Hess, Dept. of Mines,
Washington

In this connection I am
desired to request to kindly show the sample of Quartz
~~examine the sample~~ Quartz, ~~&~~
~~(sample here refer~~
sample ~~of~~ Which is kindly
separately packed) and offer
your opinion in connection with
~~with~~ ref. Ours, ~~whether this~~
~~suits the purpose required~~
~~enquiry.~~ and kindly let me know if the Quartz reported
to be here also is a crystal ~~or~~ ~~not~~ - is likely
suit - the General Electrical
Co -

Yours sincerely

GRS

17-1-27

20

The Secy Board of Management.
Mysore Iron Works
Bhadravati

41789

5

M.G.D.12.]

No. 1352-1

DATED, BANGALORE,
15-1-27

FROM

B. JAYARAM, ESQ., F.G.S.,
Director, Mysore Geological Department.

GEN. & REV. SECRETARIAT
4357
20 JAN. 1927
DEVELOPMENT BRANCH.

Geol. 86-26-3

D SECTT.
19. JAN. 1927
D. SECTION.

To

C. Rangantha Rao Sahib, Esquire, B.A., B.L.,
Secretary to the Government of His Highness
the Maharaja of Mysore,
Development Departments.

SIR,

With reference to your letter No.D.5426 Geol.86-26-4, dated 13th Januaru 1927, forwarding extract of Notes of discussion with Mr. E. E. Dutt, re-quartz crystals and calling for proposals for further prospecting for the mineral, I have the honour to state that, if Mr. Dutt approves of the samples of pure white quartz that has been recently sent to him, it will be possible to find such mineral in large quantities; but if pure transparent crystals of quartz in large sizes are wanted, it is doubtful if large deposits of such mineral exist in the State. One or two localities where quartz crystals have been noticed can be re-examined and prospected, if necessary.

I have the honour to be
Sir,
Your most obedient servant,

B. Jayaram

Director,
Mysore Geological Department.

C.N.

4331

THE MYSORE IRON WORKS
BHADRAVATI

6 [M.I.W. 2

No. B. 259/27.

GEN. & REV. SECRETARIAT
DEVELOPMENT BRANCH.

20th January 1927.

Sect. 86-26-4

Dear Sir,

I beg to akcnowledge the receipt of your D.O. letter No.D.5537/Geol.86-26-2 dated the 18th January 1927.

I have forwarded the sample to Mr. Dutt and will write to you on receipt of his reply.

Yours sincerely,

M Lawrence

C. Ranganatha Rao Sahib, Esq., B.A.,B.L.,
Secretary to Government of Mysore,
Development Departments,
Bangalore.

22.1.27

7

M.G.D.12.]

No. 1352-2. Enc 1 bag

DATED, BANGALORE

15-2-21

D 5707

Refer 15-2-27

FROM

B. JAYARAM, ESQ., F.G.S.,
Director, Mysore Geological Department.

MP 16/2

ICED DEVELOPMENT BR. Gen. 86-2-25

To

N. Rama Rao, Esq., B.A., B.L.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Departments.

SIR,

In continuation of this office letter to you No.1352-1 dated the 19th ultimo, re- quartz crystals, I have the honour to forward herewith a bagful of quartz obtained from a different locality, from near Melkote where I had been recently. This stuff is purer and more transparent than the other one and may answer Mr. Dutt's purpose better. If this sample is approved, a further report about the quantity available will be submitted.

I have the honour to be,

Sir,

Your most obedient servant,

B. Jayaram

Director,

Mysore Geological Department.

M.R/14.

Nos 7004
Section Bag

General and Revenue Secretariat,

Dated, Bangalore 21st February, 19

Gen. 86-26
X.6.

Dear Sir,

In continuation of this office D.O. No.5537/Geol.86-26-2 dated 18th January 1927, I am desired to forward by separate parcel, a bagful of quartz obtained from a different locality, received from Director of Geology. The sample now sent seems purer and more transparent than the one sent with my letter No.D.5537/Geol.86-26-2 dated 18th January 1927 I am to request you to show it to Mr. T.E. Dutt and obtain his opinion ~~about~~ as to its suitablity for purposes of electrical work for the General Electrical Company.

Yours sincerely,

21/2

M. Venkatanaranappa, Esq., B.A.,
Secretary to the Board of Management,
Mysore Iron Works.

9

M.I.W. 36.

THE MYSORE IRON WORKS

Telegraphic Address:
"MYSIRON," BHADRAVATI
(MYSORE RYS.)
Codes:
BENTLEYS
Western Union Five Letter
A.B.C. 6th Edition

Bhadravati P.O.
(Shimoga Dist.) India

Ref. No. B.301/27

1st March 1927.

Gov. 86-26-7579

The Secretary to Government
of His Highness the Maharaja of Mysore,
Development Departments, Bangalore.

Dear Sir,

The parcel of quartz received as per your letter No. D.7004/Geol.36-26-6 dated the 21st February 1927 has this day been forwarded to Mr. E.E. Dutt with a request that he will kindly advise on the suitability of the material for purposes of electrical work. The result of the analysis made in our Laboratory has also been communicated to him. On hearing from him, I shall report his views to the Government.

Yours faithfully,

for manager

M.I.W. 36.

THE MYSORE IRON WORKS

Telegraphic Address:
"MYSIRON," BHADRAVATI
(MYSORE RYS.)
Codes:
BENTLEYS
Western Union Five Letter
A.B.C. 6th Edition

Bhadravati P.O.
(Shimoga Dist.) India

Ref. No. B. 364/27.

9th April 1927.

CEN. & REV. SECRETARIAT 11 APR. 1927 6639 DEVELOPMENT BRANCH.

The Chief Secretary to the Government
of His Highness the Maharaja of Mysore,
Bangalore.

Dear Sir,

In inviting reference to my letter No. B. 301/27 dated the 1st March 1927, I beg to state that the small parcel of quartz sent to Mr. E.E. Dutt to his Nagpur address has been returned here on the 27th March by the Dead letter Office, Madras, as the same could not be delivered to the party. As advised by Mr. Dutt, all communications to him are being addressed to Nagpur. The letter forwarding the parcel from here has not however, been received back. From the post marks on the parcel it is noticed that it had been moving from Nagpur to Jubbalpur, Calcutta, etc.

I solicit instructions as to the disposal of the parcel in question.

Yours faithfully,

Secretary.
Board of Management.

SUBJECT.....

.....

.....

Section Genl

File No. 86.26

Serial No. 7

No. D. 9453 & 3/27

Diary No. of letter replied to....66 39

To

The Secy. Bd. of Management,
Mysore Iron Works
Bhadravati

General and Revenue Secretariat
( )
the *192*

Date of issue 3.11.27

Signed by [illegible]

Sir

With reference to your letter no. B. 364/27 of 9.4.27 requesting instructions as regards the disposal of the small parcel of guards ~~valves~~ I am directed to request you to keep the parcel until you take further action in the matter.

I am etc.

Under Secy.

List of enclosures.....

Copied by.....

Examined by.....

29/4

Dep. Secy

over

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Section Gen

File No. 86 Ch

Serial No. 2

No. D 2296 & 3/5/17

Diary No. of letter replied to .....

General and Revenue Secretariat

( )

the *192*

To

The Secy Bd of Agt &c

Date of issue 3.5.17

Signed by...

Sir,

I am directed to invite reference to the correspondence ending with this office letter No D 9493 & 30.4.17, in the matter of the investigation into the application for purposes of quarry electrical work, and to request you to kindly report if the samples have since been sent to Mr. E. E. Dill and his opinion received.

List of enclosures.....

Copied by.....

Examined by .....

over

Yours etc

for

THE MYSORE IRON WORKS

13

Telegraphic Address :
" MYSIRON " BHADRAVATI
(MYSORE RYS.)
Codes :
BENTLEYS
Western Union Five Letter
A. B. C. 6th Edition

Geol. 86-26-10

Bhadravati, P. O.
(Shimoga Dist.) India

Ref. No. B.524/27.

5th September 1927.

1972

The Secretary to the Government
of His Highness the Maharaja of Mysore,
Development Departments, Bangalore.

Dear Sir,

With reference to your letter No.D. 2296/Geol. 86-26 dated 3rd September 1927, I beg to invite reference to your letter No. D. 9493/Geol. 86-26 dated 30th April 1927, and to state that nothing further/has been heard from Mr. Eric E. Dutt yet.

Yours faithfully,

M. A. Lamplugh

Chief
Board of ... ...

APP. F. VI. Gl.]

SUBJECT.....

.....

.....

Section Gool

File No. 86-26

Serial No. 11

No. D 3302

Diary No. of letter replied to 1972

General and Revenue Secretariat

( )

the *192*

To

The Chief Electrical Engineer in Mysore. Bangalore

Date of issue 27.9.27

Signed by [illegible]

Sir

I am directed to state that Mr. E. E. Dutt, an industrial metallurgist of [illegible] explained in the course of his discussion with the officers of the Genl. Depts. that "Quartz Crystals" would be of great use to the Genl: Electrical Company for manufacturing electrical work ~~of some electrical works~~ if they are pure & transparent like

List of enclosures.....

Copied by.....

Examined by .....

over

15

lass, ~~and that a parcel of these~~ That

~~crystals sent to the~~ The Secy. Bd. of

management, Mysore Iron works to whom a parcel

these ~~the~~ Crystals had been sent

as been requested to forward

e same to You direct

I am ~~therefore~~ directed to

equest You to kindly forward

e same to the Genl. Electrical

o. and obtain ~~their~~ information

about ~~speciands~~ the market ~~the~~ price

to which the crystals may be put

nd uses & whether they are pure

my Crystals ~~of the~~ corresponding to Sample sent. for pure pos ginsi work

~~the favour of~~ an early reply

requested

Yours

2219 Secy. Bd.

D

16 2015

APP. F. VI. Gl.]

SUBJECT .....

.....

.....

Section Genl
File No. 86-26
Serial No. 12

No. D 2330

Diary No. of letter replied to .. 1772 ...

General and Revenue Secretariat
( )
the *192*

To

The Secy. Bd. of Manage-ment, Mysore Iron Works, Bhadravati

Date of issue.. 27.9.27

Signed by for

With reference to Your letter No. B. ~~261~~ 524/27 dt 5.9.27 I am directed to request You to kindly forward the sample of Quartz Crystals sent with this office No. D-7002 of Genl. 86-26-6 dt 21-2-27 to the Chief Electrical Engineer in Mysore for transmission to the Genl. Electrical Co.

I have the honour to be Sir Your most obedient servant

List of enclosures.....

Copied by.. .....

Examined by .....

over

17

M.I.W. 36.

THE MYSORE IRON WORKS

Telegraphic Address:
"MYSIRON," BHADRAVATI
(MYSORE RYS.)
Codes:
BENTLEYS
Western Union Five Letter
A.B.C. 6th Edition

30 SEP 1927

Bhadravati P.O.
(Shimoga Dist.) India

Ref. No. B.5357/27

29th September 1927.

The Secretary to the Government
of His Highness the Maharaja of Mysore,
Development Departments, Bangalore.

Dear Sir,

As desired in your letter No.D.3303/Geol.86-26-12 dated 27th September 1927, I have sent to-day by Registered Post the sample of quartz crystals to the Chief Electrical Engineer in Mysore, Bangalore.

Yours faithfully,

for
Bhadravati Iron Works

Geol 86-26-13

IN REPLY REFER TO
NO. 29264
ENCLO.

GOVERNMENT OF MYSORE

ELECTRICAL DEPARTMENT

18

OFFICE OF THE CHIEF ELECTRICAL ENGINEER,

Telegraphic Address:
"GOMED"

Codes Used
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE.

GEN. & REV. SECRETARIAT
7035
18 FEB. 1928
DEVELOPMENT BRANCH.

Bangalore 17½ Feb: 192 8.
(MYSORE, INDIA.)

The Secretary to the Govt. of
His Highness the Maharaja of Mysore,
Development Departments,
B a n g a l o r e.

Sir,

WF
17/2

QUARTZ CRYSTALS AND CHARCOAL PIG IRON.

Reminder

With reference to your letter No.D-8564 of the 14th instant, I have the honour to state that not having received a reply to my previous letter to the International General Electric Co., I wrote to Mr. Stewart, Manager, Messrs.I.G.E.Co., at Calcutta in December last, sending a small parcel of the crystals requesting him to let us know if the I.G.E.Co., can use them etc Mr. Stewart has replied to say that he has written to the Head Office at Schenectady for a prompt reply and as soon as it is received the same will be communicated to you.

I have the honour to be,
Sir,
Your most obedient servant,

S.G. Forbes
Chief Electrical Engineer.

MGK-AK.

Appendix F G—1

SUBJECT.....

.....

.....

Section Genl

File No. 86-26

Serial No.

No. D 6775

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

the *192*

To

The Chief Electrical Engineer

in Cuttack

Date of issue 21-12-28

Signed by M. T. K. J.

Sir

In inviting refer to your office letter No. 29264, dt. the 17th Dec 28 in the matter of the issue of Quality Crystals, I am directed to enquire whether any report has been received from the International Genl. Electric Co. in favour of an

over

List of enclosures.....

Copied by.....

Examined by.....

Genl. 86 - 26-14

GOVERNMENT OF MYSORE

ELECTRICAL DEPARTMENT

IN REPLY REFER TO No. 39402 ENCLO.

OFFICE OF THE CHIEF ELECTRICAL ENGINEER,

Bangalore 13th Feb. 192 9

MYSORE, INDIA

Telegraphic Address:
"GOMED"

Code Used
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE

GEN. & REV. SECRETARIAT 8810 6 FEB. 1929 DEVELOPMENT BRANCH

The Secretary,
Board of Management,
Mysore Iron Works,
Bhadravati.

15-2-29 Cw. 104

Dear Sir,

Quartz Crystals and charcoal Pig Iron.

With reference to correspondence ending with your letter No.B.552/27 dated the 29th September 1927, we wish to enclose herewith for your information a copy of letter No.G-1127/MVS-11274 dated the 31-5-1928 received from Messrs. The International General Electric Co., of New York, in the matter of the purchase of the above by the Company.

Yours truly,

Chief Electrical Engineer.

CSC-AK.

Copy forwarded, with compliments, to the Secretary to Govt. Development Departments, Bangalore, together with a copy of letter referred to above for favour of information with reference to his letter No.D-6775 of the 31-12-1928.

Genl 86-26

Encl: one

CSC-AK. Chief Electrical Engineer.

Copy of letter No.C-1127/MVS-11274 dated 31st May 1928 from Messrs. The International General Electric Co. Exchange Building, Ballard Estate, Bombay to the Chief Electrical Engineer to the Government of Mysore, Bangalore.

1) Several months ago Mr. Forbes wrote me in connection with the possibility of the General Electric Company of America purchasing charcoal pig-iron and quartz crystals from the Mysore Iron Works.

2) I have not available here in Bombay Mr. Forbes letter so that I cannot give you a definite reference as I was in Calcutta at the time.

3) However, I duly referred the matter to Schenectady and have been advised that our Company uses very little of this metal. The firm of Rogers Brown and Crocker Brothers in New York receive all of our Company's enquires and if the Mysore Iron Works are prepared to let us have definite analysus of their product we will be glad to see that it is given the necessary attention.

4) The use of charcoal pig iron has in the past fifteen years been very irregular and for a good many years there was no call for it whatever until very recently. Under the circumstances our people feel that it hardly worth-while to obtain these small quantities from so distant a point as India.

5) The samples of quartz crystals which Mr. Forbes sent me and which I in turn forwarded to Schenectady have been examined by our Research Laboratory at Lynn who state that these crystals are representative of a quality which is found in many localities in the United States.

6) The process used by the General Electric Company at the present time for making fused quartz does not allow the use of material of as low a quality as that of the crystals of which samples were sent over.

7) We regret to state, therefore, that the General Electric Company is not interested in these crystals if the samples submitted indicate their quality.

"C O P Y"

BN.

Chief Electrical Engineer.